

CONFIDENTIAL

LOCKHEED AIRCRAFT CORP.		ENGINEERING STUDY <input type="checkbox"/>	LAC -102	
		CHANGE PROPOSAL <input checked="" type="checkbox"/>		
DATE 12-19-60		AFFECTS: WSPO <input checked="" type="checkbox"/>	PROJECT <input checked="" type="checkbox"/>	
NAME OF MAJOR COMPONENT AIRPLANE		PART OR LOWEST SUBASSEMBLY 250 VA INVERTER		PART NO. & MODEL OR TYPE R1125
TITLE OF PROPOSAL : REPLACEMENT OF R1125 INVERTER				
NATURE OF PROPOSAL :				
<ol style="list-style-type: none"> 1. Replace existing 250 VA Inverter (R1125 with a 500 VA Inverter (Jack & Heintz F20-5). This includes removal of existing related wiring, power relay, "Keep Alive" and "Inv. Power" circuit breakers and installation of a 50 AMP circuit breaker in the CB and Fuse Panel plus wiring to the new inverter. Some re-arrangement of other equipment on the Q-bay shelf is required to provide space for the larger inverter. 2. Prepare and issue a Service Bulletin. 3. Fabricate appropriate Kits. 				

REASON FOR PROPOSAL :

To provide a larger source of 400 cycle power to satisfy existing aircraft electrical requirements and minimize premature inverter failures and consequent aborted missions. The new 500 VA Inverter will provide regulated "A" phase voltage resulting in improved performance of voltage sensitive systems which are powered by this phase.

NOTE: This proposal is applicable to all U-2A aircraft. Inverter replacement on U-2C aircraft is included as a part of Change Proposal No. LAC-99.

ES	ESTIMATED COST AND TIME INVOLVED :									
ADDITIONAL FUNDING REQUIRED :										
CP	ESTIMATED COST FOR KITS OR PARTS : Cust #1 \$ 3,375.00 (5 Kits) Cust #2 \$ 20,925.00 (31 Kits) ADDITIONAL FUNDING REQUIRED : NONE (SP 1917) - Spares recommended on Page 2									

ITEMS AFFECTED BY PROPOSAL :

SAFETY <input checked="" type="checkbox"/>	MISSION EFFEC- TIVENESS <input checked="" type="checkbox"/>	PERFORM- ANCE <input checked="" type="checkbox"/>	OPERATING PROCEDURE <input type="checkbox"/>	INTER- CHANGE- ABILITY <input type="checkbox"/>	WEIGHT OR WEIGHT & BALANCE <input checked="" type="checkbox"/>	TOOLS & SUPPORT EQUIPMENT <input type="checkbox"/>	MAINTEN- ANCE PROCEDURE <input type="checkbox"/>	SERVICE LIEE <input checked="" type="checkbox"/>	FLIGHT MANUAL <input checked="" type="checkbox"/>	MAINTEN- ANCE MANUAL <input checked="" type="checkbox"/>
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EST. MAN/HRS. REQ'D. TO ACCOMPLISH CHANGE IN FIELD 16 HRS.

SOURCE OF PARTS FOR KIT LAC	AVAILABILITY 12 WEEKS AFTER APPROVAL OR SOONER
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DISPOSITION OF SPARES AFFECTED R1125 Inverter no longer used.
Leach 9022 Power Relay used in A/P circuit - All Aircraft.

25X1A

INITIATED BY : LA	APPROVED : WSPO	<i>2/29/60</i>
Approved For Release 2003/01/30 : CIA-RDP81B00878R000600030071-0		

25X1

Approved For Release 2003/01/30 : CIA-RDP81B00878R000600030071-0

Approved For Release 2003/01/30 : CIA-RDP81B00878R000600030071-0

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TO	NAME AND ADDRESS		INITIALS	DATE
1.	<i>material</i>		<i>CJH</i>	
2.	<i>Contracts</i>			
3.				
4.				
5.				
6.				
7.				
RETURN TO SENDER				
ACTION		CONCURRENCE	INFORMATION	
COMMENT		FILE	SIGNATURE	
REMARKS <i>LSC-102 for approval.</i>				

FROM

NAME AND ADDRESS

PHONE NO.

Approved For Release 2003/01/30 : CIA-RDP81B00878R000600030071-0